

SWMU Solid Waste Management Unit
AOC Area of Concern
SAA Satellite Accumulation Area

Active
Closed
Propose to be taken off list or more info needed

Walton Hills

SWMU/AOC#	Type	Potential SWMUs and AOCs	Building (to be verified)	Location	Description of units (i.e. dimensions, materials of construction, etc.)	Status	Period of Operation	Potential Wastes Managed	Release Controls	History of any releases	Comments
#1 - 1	SWMU	Drum Storage Pad	West of Boiler Room	Concrete Pad	3 underground tanks, one managed wastes from facility, other 2 were Fuel Oil	Closed	Storage area closed in Oct. 2001, 3 UST filled in place in March and April 1986	Ignitables, Corrosives, Reactives, Barium, Cadmium, Chromium, Lead, Chlorobenzene, Chloroform, 1,2 Dichloroethane, Methyl ethyl ketone, Xylene, Toluene, Hexane, Formaldehyde, Phenol	Concrete floor, controlled drainage	None noted to date	Documented closure of greater than 90 day storage area took place in October 2001.
#1-2	SWMU	90 Day Drum Storage	Outside concrete pad	West side of Boiler Room	Concrete pad containing drums See Hazard Waste Storage Arrangement	Closed	1987 - 2001	All drum wastes	Concrete floor, secondary containment	None noted to date	
#1-3	SWMU	Current 90 Day Drum Storage	Powders	S side of Powders	Concrete pad containing drums, liquid drums on spill containment.	Active	2001 - present	Ignitables, Corrosives, Reactives, Barium, Cadmium, Xylene, Toluene, Hexane, Phenol	Indoors, concrete floor, secondary containment for liquids, weekly inspections	None noted to date	Relocation of original SWMU #1
#2	SWMU	Satellite Accumulation Areas	Various	Inside buildings	Six SAA were noted as being in use in the 1991 report. Current and Closed Known SAA are listed below	Active, Closed	? - Current (liquids, powders)	Spent solvents, methyl ethyl ketone, xylene, heavy metals, cadmium, lead, barium.	Inside building, concrete floor, steel drums, weekly inspections	None noted to date	Only 2 identified on map, other 4 identified in report - unclear as to exact location. Current SATs manage ignitable, corrosive, reactives, cadmium,
#3	SWMU	R&D Container Storage Area	AB Building Dock	Elevated Pad near rail track - 20' X 20'	several 55-gal steel drums located on Pallets	Closed	? - April 1991 and all waste moved inside building.	Spent solvents, methyl ethyl ketone, xylene, cadmium, lead barium, lab packs	Steel drums, concrete pad, weekly inspections	None noted to date	Weekly inspections and manifest needed - April 1991
#3-2	SWMU	Analytical 90 day Storage Bin	Butler Building	East wall outside Butler Building	1 - 55 gallon open head steel drum & 1 55 gallon tight head steel drum	Closed	? - 2004	Solid & Liquid waste generated in R & D Building	Covered containment shed on asphalt	None noted to date	Relocated to current location #3-3
#3-3	SWMU	Analytical 90 day Storage	Analytical Building	South side of Analytical Building	55 gallon tight head steel drum	Active	2004 - present	Liquid waste generated in Analytical Building	Concrete floor, container is kept covered, weekly inspections	None noted to date	Relocation of original SWMU #3
#4	SWMU	Drum Storage Area - Boiler Room	Boiler Room	Inside boiler room	Less than 90day Storage of process wastes	Never an active site	NA	NA	NA	NA	This was not a storage area. Verbal confirmation with employees state there was no accumulation area in stated location. Waste storage location was directly outside Boiler room SWMU #1, not inside
#5	SWMU	Cadmium Dust Collection Unit	Warehouse C / Powders	Outside building	Dust collection unit	Active	1976 - Current	Barium salts, cadmium salts, Zinc salts, pentaerthritol	Contained system, concrete pad, weekly inspections	None Noted to date	Profiled for cadmium buy never used for cadmium - used common profile for that department.
#6	SWMU	Waste Oil Storage Area	Outdoor	East of raw material warehouse	Pallet of 55 gallon drums	Active	? - 1991 (Outdoor location)	Nonhazardous used oil	Containers, concrete pad, routine visual inspections	None noted to date	Outdoor location was closed and single drum was relocated indoors in April 1991. (Find manifest April 1991)
#7	SWMU	Epoxy Waste Water Pretreatment	Outdoor	80' by 40' concrete bermed area	2 holding tanks, lime silo, neutralization tank within concrete bermed location	Closed	1972 - 1993	Epoxy waste water	Concrete bermed location, Routine visual inspections by employees, Integral part of process, non hazardous material	NPDES violation - See file	System removed and replaced by the Biotreatment plant.
#8	SWMU	Wastewater Treatment Facility	LWTP	LWTP Building	Precipitation process for Liquid waste,	Active	1974 - Current		Indoors, concrete floor, trench drain, weekly inspections, routine visual inspection during operation	None Noted to date	Process description has changed, i.e., no longer use lime.

SWMU/A OC#	Type	Potential SWMUs and AOCs	Building (to be verified)	Location	Description of units (i.e. dimensions, materials of construction, etc.)	Status	Period of Operation	Potential Wastes Managed	Release Controls	History of any releases	Comments
#9	SWMU	Sludge Bin Roll Away Container	LWTP	Outside LWTP	Lined, steel roll off for wastewater treatment sludge	Inactive	1986 -1993	Precipitated lime containing barium, cadmium, and zinc	Lined container covered with tarp except when adding	None noted to date	Process change - no longer needed. - Soil samples taken in location.
#10	SWMU	Polyamine Construction Area	High Pressure	Under the constructed building	Several 55 gal drums were found during construction	Closed	? - 1991		Managed removal and remediation by environmental contractor	See report	Documented closure and remediation of location - McClaren and Hart reports
41	SAA	Chromatology Lab SAA (SA-41)	Chromatology Lab	West Hood (Room 253)	3 gallon plastic bucket with lid	Active	- present	QC liquid samples - containing cadmium, barium, solvent	Floor tension, container is kept covered	None noted to date	
42	SAA	Chromatology Lab SAA (SA-42)	Chromatology Lab	North Hood (Near Chrome)	3 gallon plastic bucket with lid	Active	- present	QC liquid samples - containing cadmium, barium, solvent	Floor tension, container is kept covered	None noted to date	
43	SAA	Chromatology Lab SAA (SA-43)	Chromatology Lab	South Hood (Near Hallway)	3 gallon plastic bucket with lid	Active	- present	QC liquid samples - containing cadmium, barium, solvent	Floor tension, container is kept covered	None noted to date	
11 (new)	SWMU	Fine Organics 90 day storage	Fine Organics	Under T-9 in FO	1 cubic yard tote box	Inactive	? - 2005	Flammable solids	Concrete floor, secondary containment	None noted to date	
27	SAA	Fine Organics Bldg SAA (SA-27)	Fine Organics	Fine Organics Boiler Room	55 gallon open head steel drum	Active	- present	Non-Haz Therminol & absorbent solids	Concrete floor, secondary containment	None noted to date	
9	SAA	Fine Organics Bldg SAA (SA-9)	Fine Organics	Fine Organics Bldg	55 gallon open head steel drum	Active	- present		Concrete floor, secondary containment	None noted to date	
4	SAA	Liquids Dept. SAA (SA-4)	Liquids Annex	Liquids Annex	55 gallon open head steel drum	Active	- present	Solid press cake containing barium	Concrete floor, secondary containment	None noted to date	
2	SAA	Liquids Dept. SAA (SA-2)	Liquids/Nickels	Liquids Rx 5 Filter Press	55 gallon open head steel drum	Active	- present	Solid press cake containing cadmium, barium	Concrete floor, secondary containment	None noted to date	
3	SAA	Liquids Dept. SAA (SA-3)	Liquids/Nickels	Liquids Rx 6 Filter Press	55 gallon open head steel drum	Active	- present	Solid press cake containing barium	Concrete floor, secondary containment	None noted to date	
33	SAA	Liquids Dept. SAA (SA-33)	Liquids/Nickels	East wall across from Rx-6 in Liquids	55 gallon tight head steel drum	Active	- present	QC liquid samples - containing cadmium, barium	Concrete floor, secondary containment	None noted to date	
34	SAA	Liquids Dept. SAA (SA-34)	Liquids/Nickels	Rx 4 Filter Press	55 gallon open head steel drum	Active	- present	Solid press cake containing barium	Concrete floor, secondary containment	None noted to date	
35	SAA	Liquids Dept. SAA (SA-35)	Liquids/Nickels	North of Work Desk	55 gallon open head steel drum	Active	- present	Cadmium contaminated PPE	Concrete floor, secondary containment	None noted to date	

SWMU/A OC#	Type	Potential SWMUs and AOCs	Building (to be verified)	Location	Description of units (i.e. dimensions, materials of construction, etc.)	Status	Period of Operation	Potential Wastes Managed	Release Controls	History of any releases	Comments
1	SAA	Nickels Dept. SAA (SA1)	Liquids/Nickels	Nickels Filter Press by Reactor 2	55 gallon open head steel drum	Inactive	1975 - 2005	Solid press cake containing solvents	Concrete floor, secondary containment	None noted to date	
23	SAA	Nickels Dept. SAA (SA23)	Liquids/Nickels	Nickels Therminol Room	55 gallon open head steel drum	Active	- present	Non-Haz Therminol & absorbent solids	Concrete floor, secondary containment	None noted to date	
29	SAA	Nickels Dept. SAA (SA29)	Liquids/Nickels	Nickels Flaker Dust Collector, N	55 gallon open head steel drum	Inactive	1975 - 2005	Non-Haz dust fines	Concrete floor, secondary containment	None noted to date	
5	SAA	Nickels Dept. SAA (SA5)	Liquids/Nickels	Nickels Flaker Dust Collector, S	55 gallon open head steel drum	Inactive	1975 - 2005	Non-Haz dust fines	Concrete floor, secondary containment	None noted to date	
14	SAA	LWTP SAA (SA-14)	LWTP	Inside Overhead Door	55 gallon open head steel drum	Active	- present	Solid press cake containing cadmium	Concrete floor, secondary containment	None noted to date	
30	SAA	LWTP SAA (SA-30)	LWTP	Outside Overhead Door	55 gallon open head steel drum	Active	- present	Spent filter bags containing cadmium	Concrete pad, container is kept covered	None noted to date	
39	SAA	Analytical Lab SAA (SA-39)	Main Analytical (Room 234)	North Room, In Hood	3 gallon plastic bucket with lid	Active	- present	QC liquid samples - containing cadmium, barium, solvent	Floor tension, container is kept covered	None noted to date	
40	SAA	Analytical Lab SAA (SA-40)	Main Analytical (Room 234)	South Room, Under Table	3 gallon plastic bucket with lid	Inactive	1975 - 2005	QC liquid samples - containing cadmium, barium, solvent	Floor tension, container is kept covered	None noted to date	
17	SAA	Pilot Plant SAA (SA-17)	Pilot Plant	By Stairs, East	55 gallon tight head steel drum	Active	- present	QC liquid samples - containing cadmium, barium, solvent	Concrete floor, secondary containment	None noted to date	
18	SAA	Pilot Plant SAA (SA-18)	Pilot Plant	By Stairs, West	55 gallon open head steel drum	Active	- present	Solid press cake containing cadmium, barium	Concrete floor, secondary containment	None noted to date	
32	SAA	Pilot Plant SAA (SA-32)	Pilot Plant	By Rotary Dryer	55 gallon open head steel drum	Active	- present	Solid press cake containing cadmium, barium	Concrete floor, secondary containment	None noted to date	
6	SAA	Powders Reactor SAA (SA-6)	Powders	Powders Reactor	55 gallon open head steel drum	Active	- present	Strainer to LWTP - containing cadmium, barium, solvent	Concrete floor, secondary containment	None noted to date	
36	SAA	Tote SAA (SA-36)	Powders	S. of Powders Reactor	55 gallon open head steel drum	Active	- present	Tote drippings - containing cadmium, barium, solvent	Concrete floor, secondary containment	None noted to date	
7	SAA	Powders SAA (SA-7)	Powders Blender 5	C - Warehouse	55 gallon open head steel drum	Active	- present	Non-Haz dust fines	Floor tension, container is kept covered	None noted to date	

SWMU/A OC#	Type	Potential SWMUs and AOCs	Building (to be verified)	Location	Description of units (i.e. dimensions, materials of construction, etc.)	Status	Period of Operation	Potential Wastes Managed	Release Controls	History of any releases	Comments
8	SAA	Powders SAA (SA-8)	Powders Blender 5	Outside east wall of C - warehouse	55 gallon open head steel drum	Active	- present	Non-Haz dust fines	Concrete pad, container is kept covered	None noted to date	
26	SAA	Powders SAA (SA-26)	Powders Paste Room	N. of Paste Room	55 gallon open head steel drum	Active	- present	Non-Haz zinc, calcium dust fines	Concrete pad, container is kept covered	None noted to date	
37	SAA	QC Lab SAA (SA37)	QC Lab	West Wall #1	3 gallon plastic bucket with lid	Active	- present	QC liquid samples - containing cadmium, barium, solvent	Floor tension, container is kept covered	None noted to date	
38	SAA	QC Lab SAA (SA38)	QC Lab	West Wall #2	3 gallon plastic bucket with lid	Active	- present	QC liquid samples - containing cadmium, barium, solvent	Floor tension, container is kept covered	None noted to date	
13	SAA	Plastics Lab SAA (SA13)	Tech Service - Plastics Lab	Sample Room, West Wall	55 gallon tight head steel drum	Active	- present	QC liquid samples - containing cadmium, barium	Floor tension, container is kept covered	None noted to date	
28	SAA	Plastics Lab SAA (SA28)	Tech Service - Plastics Lab	Sample Room, East Window	55 gallon open head steel drum	Active	- present	QC solid samples - containing barium	Floor tension, container is kept covered	None noted to date	
12 (new)	SWMU	90 Day Bulk Storage	Outdoor	T101	10,000 gallon SS tank	Active	1985 - present	Bulk liquid waste from LWTP, Liquids & Pilot Plant	Secondary containment dike, daily inspections,	None noted to date	
13 (new)	SWMU	Trash Compactor	Outdoors	South Analytical	Closed box on concrete pad	Active	? - present	general trash, non hazardous material	Continued box, concrete pad, dry solids, housekeeping inspections	None noted to date	
14 (new)	SWMU	Epoxy Press Cake Hopper	Epoxy building	Outdoors - south of epoxy building	Open top container	Active	? - present	non-hazardous epoxidized soy bean oil and diamataceous earthen material	Lined container covered with tarp except when adding, concrete pad	None noted to date	
15 (new)	SWMU	Biotreatment plant	Biotreatment Plant	West end of property	Multiple tanks - equalization, neutralization, aerobic digestion, clarification, discharge, sludge removal	Active	1993 - present	Waste water from plant operations	Containment surrounding tanks, monitored process with monthly testing	None noted to date	